Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/797,859

Examiner

FRANKIEWICZ ET AL.

Art Unit

Charlie Peng

Date

2883

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Claim

N Non-Elected

I Interference

A Appeal
O Objected

| Cli            | Date           |        |         |           |   |          |          |              |                                     |   |  |
|----------------|----------------|--------|---------|-----------|---|----------|----------|--------------|-------------------------------------|---|--|
| Final          | Original       | 7/6/05 | 10/3/06 | 12/12/06  |   |          |          |              |                                     |   |  |
| 1              | 1              | V      | v       | =         |   |          |          | T            |                                     |   |  |
| 2              | 2 3            | V      | V       | =         |   |          | Г        |              | Г                                   |   |  |
| 3              |                | V      | V       | =         |   |          | Π        | Γ            | П                                   |   |  |
| 4              | 4              | ٧      | ٧       | =         |   |          |          | Π            |                                     |   |  |
| 5              | 5              | ٧      | V       | =         |   |          |          |              |                                     |   |  |
| 6              | 6              | V      | V       | =         |   |          |          |              |                                     |   |  |
| 7              | 7              | V      | ٧       | =         |   |          |          |              |                                     |   |  |
| 8              | 8              | ٧      | ٧       | =         |   |          |          |              |                                     |   |  |
| 9              | 9              | ٧      | ٧       | =         |   |          |          |              |                                     |   |  |
| 10             | 10             | ٧      | ٧       | =         |   | L        |          |              |                                     |   |  |
| 11             | 11             | ٧      | V       | =         |   |          | L        | <u> </u>     |                                     |   |  |
| 11<br>12<br>13 | 12<br>13<br>14 | V      | ٧       | =         |   | L        |          |              |                                     |   |  |
| 13             | 13             | ٧      | ٧       | =         |   |          |          |              |                                     |   |  |
| 14<br>15<br>16 | 14             | V      | ٧       | =         |   |          | <u> </u> |              |                                     |   |  |
| 15             | 15<br>16       | ٧      | ٧       |           |   |          | L        |              |                                     | 匚 |  |
| 16             | 16             | ٧      | ٧       | =         | L | _        |          |              |                                     |   |  |
| 17<br>18<br>19 | 17<br>18<br>19 | V      | ٧       | Ξ         |   |          |          |              |                                     |   |  |
| 18             | 18             | ٧      | V<br>V  | 11        |   |          |          |              |                                     |   |  |
| 19             | 19             | ٧      | ٧       | =         |   | L        | _        |              |                                     |   |  |
| 20             | 20             | V      | ٧       | =         |   | _        | _        |              |                                     |   |  |
| 21             | 21             | ٧      | ٧       | =         |   |          |          |              |                                     |   |  |
| 22             | 22             | ٧      | ٧       | =         |   |          |          |              |                                     |   |  |
| 23<br>24<br>25 | 23             | ٧      | ٧       | 11        |   |          |          |              |                                     |   |  |
| 24             | 24             | ٧      | ٧       | н         |   |          |          |              |                                     |   |  |
| 25             | 25             | V      | ٧       | =         |   |          | L        |              |                                     |   |  |
| 26             | 26<br>27       | ٧      | ٧       | =         |   |          |          |              |                                     |   |  |
| 26<br>27<br>28 | 27             | ٧      | ٧       | п         |   |          |          |              |                                     |   |  |
| 28             | 28             | ٧      | ٧       | =         |   | <u> </u> |          |              | <u> </u>                            | Щ |  |
| 29             | 29             | V      | ٧       | =         |   |          | <u>_</u> | ┕            |                                     |   |  |
| 30             | 30             | ٧      | ٧       | =         |   | L        | _        | L            | _                                   |   |  |
| 31             | 31             | ٧      | ٧       | =         |   |          |          |              |                                     | Ш |  |
| 32             | 32             | V      | ٧       | =         |   |          | L        |              |                                     |   |  |
| 33             | 33             | V      | ٧       | =         |   |          |          | $oxed{oxed}$ |                                     |   |  |
| 34             | 34             | ٧      | V       | =         |   |          | L        |              | ·                                   |   |  |
| 35             | 35             | ٧      | V       | =         |   | L        | _        | <u> </u>     | _                                   |   |  |
|                | 26             | N      | N       |           |   | <u>L</u> |          | L            |                                     |   |  |
|                | 37             | Z      | Z       |           |   |          |          |              |                                     |   |  |
|                | 28             | N      | N       |           |   | L_       |          |              | L.                                  | Ш |  |
|                | 38             | Z      | И       |           |   | _        | _        | L            | L                                   |   |  |
| <u> </u>       | 48             | N      | N       |           |   | L        | <u> </u> | ļ            | $\sqcup$                            | Ш |  |
| <u> </u>       | AT             | N      | N       |           |   | <u> </u> | <u> </u> | <u> </u>     | <u> </u>                            | Ш |  |
| <u> </u>       | NZ             | N      | N       |           |   | <u> </u> | <u> </u> | ļ            | _                                   | Ш |  |
| ļ              | 43             | N      | N       | $\square$ |   | <u> </u> | <u> </u> | <u> </u>     |                                     | Ш |  |
| <u> </u>       | 24             | N      | N       | Щ         |   | <u> </u> | <u> </u> | <u> </u>     | <u> </u>                            | Ш |  |
| <u> </u>       | AS             | N      | N       | Щ         |   | L_       | <u> </u> |              | $oxed{igwedge}$                     | Ш |  |
|                | .46            | N      | N       |           |   | L.       | <u> </u> | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   |  |
| <u> </u>       | AFE            | N      | N       |           |   | L        | L        | <u> </u>     | L                                   | Ш |  |
| <u> </u>       | A8             | N      | N       |           |   | L        | L        | L.           | Щ                                   | Ш |  |
| <u> </u>       | 49             | N      | N       |           |   | L.,      | L        | L_           | <u> </u>                            | Щ |  |
|                | <i>5</i> 0     | N      | N       |           |   |          | L        | L            |                                     | Ш |  |

| - |       | 41111                      | ╙        |          |          |               | Jac  | <del>-</del>                                     | _  | _  | -  |
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|   | Final | Original                   | 20/9/2   | 10/3/06  | 30/10/01 |               |  |  |  |  |  |
|   |       | 59                         | N        | N        | ┢        | _             |  |  | $\vdash$   | Ė  | H  |
|   |       | .58<br>582<br>58           |          | N<br>V   |          |               |  | ┢  |  | 1  | Т  |
|   |       | 58                         |          | V        |          | ٠.            |  |  |  | _  | 1  |
|   |       | 54                         |          | •        |          |               | T  | $\vdash$   | -  | $\vdash$   | _  |
|   |       | 54<br>55                   |          | _        | Н        |               |  |  |  |  | T  |
|   |       | 56                         |          |          | $\vdash$ | _             | _  | _  | _  |  |  |
|   |       | 57                         |          |          |          | _             | _  | _  | _  | $\vdash$   | T  |
|   |       | 58                         |          |          |          | -             |  | $\vdash$   |  |  |  |
|   |       | 56<br>57<br>58<br>59<br>60 |          | $\vdash$ |          | $\overline{}$ |  | <del>                                     </del> |  | _  |  |
|   |       | 60                         | $\vdash$ |          |          |               |  |  | _  |  | T  |
| 1 |       | 61                         |          | -        |          |               |  |  |  | -  | 1  |
| 1 |       | 62                         | _        |          |          |               |  |  | -  |  | H  |
| ı |       | 62<br>63                   |          | _        |          |               | <del>                                     </del> | ┿  | _  | _  | <u> </u>   |
| ı |       | 64                         | -        |          |          |               |  | T  |  | -  | ·  |
| ł |       | 64<br>65<br>66             | -        |          |          |               | $\vdash$   | <del>                                     </del> | <b>-</b>   | <del>                                     </del> | Ι-   |
| ł |       | 66                         |          |          |          |               |  | <del>                                     </del> |  | _  | -  |
| 1 |       | 67                         |          |          |          |               | <b></b> -  | _  | <del> </del>                                     | _  | <u> </u>   |
| 1 |       | 67<br>68                   | _        | -        |          |               | -  |  |  | _  |  |
| 1 |       | 69                         |          | -        | _        |               | H  |  | -  | -  | -  |
| 1 |       | 70                         | _        |          |          |               | $\vdash$   |  | <u> </u>   | _  |  |
| 1 |       | 70<br>71                   |          | -        |          |               | $\vdash$   | $\vdash$   | ┢─   | -  | $\vdash$   |
| 1 |       | 72                         | _        | $\vdash$ |          |               | ┢─   | $\vdash$   | -  | -  | $\vdash$   |
| 1 |       | 73                         | _        | $\vdash$ |          | —             | _  |  | $\vdash$   | -  | -  |
| 1 |       | 73<br>74<br>75             |          |          |          |               | -  | -  | -  | ┢  | _  |
| ı |       | 75                         |          |          |          | _             |  | $\vdash$   |  | $\vdash$   | <del> </del>                                     |
| 1 |       | 76                         | _        | _        | _        |               |  |  |  |  |  |
| ì |       | 76<br>77                   |          | -        | _        | _             | $\vdash$   |  |  |  |  |
| Ì |       | 78                         | -        | -        | _        |               | $\vdash$   |  | $\vdash$   |  | t  |
| Ì |       | 78<br>79                   |          |          |          | -             | $\vdash$   | _  | $\vdash$   |  | _  |
| Ì |       | 80                         |          |          |          |               | _  |  |  | _  | <u>├</u>   |
|   |       | 81                         | _        |          | _        |               |  | H  | -  | -  | -  |
| ı |       | 81<br>82<br>83             |          |          |          | _             |  |  |  |  |  |
| İ |       | 83                         |          |          | $\vdash$ |               |  | <u> </u>   | <del>                                     </del> | Ι-   | Г  |
| ŀ |       | 84                         |          | М        |          |               | _  |  | $\vdash$   | Ι-   |  |
| ŀ |       | 85                         | П        | $\Box$   | _        |               |  | ļ  |  |  | _  |
| Ì |       | 86                         | $\Box$   |          | _        |               | $\vdash$   | <b>-</b>   |  |  | Т  |
| Ì |       | 87                         |          |          |          | -             | <del>                                     </del> | $\vdash$   |  | <del>                                     </del> |  |
| Ì |       | 88                         |          |          |          |               |  |  |  |  | _  |
| İ |       | 89                         |          |          |          |               |  |  | _  | Ι-   | <del>                                     </del> |
| Ì |       | 90                         |          |          |          |               |  |  |  |  |  |
| Ì |       | 91                         |          |          |          | _             |  | П  |  |  |  |
| Ì |       | 92                         |          |          |          | _             |  |  |  |  |  |
| ı |       | 93                         |          |          |          |               |  |  |  |  | Г  |
| 1 |       | 94                         |          |          |          |               |  | П  |  |  | Т  |
| l |       | 95                         |          |          |          |               |  | П  | Г  |  | Т  |
| 1 |       | 96                         |          |          |          |               |  |  |  | Г  | Г  |
| Ì |       | 97                         |          |          |          |               |  |  |  |  | Т  |
| Ì |       | 98                         |          |          |          |               |  | П  |  |  | Г  |
| Ì |       | 99                         |          |          |          |               |  |  |  |  | Г  |
| ĺ |       | 100                        |          |          |          |               |  |  |  |  |  |
|   |       |                            |          |          |          |               |  |  |  |  |  |

| Ci       |   |          |              | ı  | Date     |  |          |              |  |                 |
|----------|---|----------|--------------|--|----------|--|----------|--------------|--|-----------------|
|          | •   |          | Г            |  |          |  |          | Γ            |  |                 |
| Final    | Original  |          |              |  |          |  |          |              |  |                 |
| iĒ       | ا کِیّا   |          |              |  |          |  | ŀ        |              |  |                 |
|          | l   |          |              |  |          | L  |          |              |  |                 |
|          | 101   |          |              |  |          |  |          |              |  |                 |
|          | 102   |          |              |  |          | <u> </u>   | L        |              |  |                 |
|          | 103   |          |              |  |          |  | _        | L_           | <u> </u>   | L               |
|          | 101<br>102<br>103<br>104<br>105   |          | _            |  | L        |  | <u> </u> | _            | L  |                 |
| <u> </u> | 105   | _        | _            |  | ļ        | <u> </u>   | <u> </u> |              |  | L               |
| <u> </u> | 106<br>107<br>108   |          | <u> </u>     | <u> </u>   | <u> </u> | <u> </u>   | <u> </u> | ļ            | <u> </u>   |                 |
|          | 107   | -        | <u> </u>     |  | _        |  |          | _            | -  |                 |
|          | 108   |          | <u> </u>     | _  | <u> </u> |  | _        |              | ├—   | Н               |
| <u> </u> | 109   |          | $\vdash$     | <u> </u>   |          | -  | _        |              | <del> </del>                                     | $\vdash \vdash$ |
| <u></u>  | 110   | _        | ├            | _  |          |  |          | -            | -  |                 |
|          | 111   | -        | $\vdash$     | $\vdash$   | <u> </u> |  |          |              | -  | $\vdash\vdash$  |
| <u> </u> | 112   | _        | <del> </del> | $\vdash$   | -        | -  |          | ├─           | <del>                                     </del> | $\vdash$        |
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| $\vdash$ | 115   |          | ┢            | ┝  |          |  | -        |              | -  | $\vdash$        |
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|          | 120   |          |              |  |          | -  |          |              | <del>                                     </del> | П               |
|          | 121   |          |              |  |          |  |          |              |  |                 |
|          | 122   |          |              |  |          |  |          |              | Г  |                 |
|          | 123   |          |              |  |          |  |          |              |  |                 |
|          | 124   |          |              |  |          |  |          |              |  |                 |
|          | 125   |          |              |  |          |  |          |              |  |                 |
|          | 126   |          | _            | $ldsymbol{ld}}}}}}$ |          | <u> </u>   |          | L            |  |                 |
|          | 127   |          |              |  |          | <u> </u>   | <u> </u> | <u> </u>     | _  | Ш               |
|          | 128   |          | _            |  |          | <u> </u>   | <u> </u> |              |  |                 |
|          | 129   |          | ٠,           |  |          | <u> </u>   | <u> </u> | <u> </u>     |  | $\Box$          |
|          | 130   |          |              | L  |          | ļ  | <u> </u> |              | _  | _               |
| -        | 131   |          |              |  |          | <u> </u>   | H        |              | <u> </u>   | Ш               |
|          | 132   |          |              |  |          | <u> </u>   |          |              |  |                 |
|          | 133   |          |              |  |          | _  | _        | -            | _  | -               |
|          | 128<br>129<br>130<br>131<br>132<br>133<br>134<br>135                      | _        |              |  |          | $\vdash$   | $\vdash$ | $\vdash$     |  |                 |
|          | 136   |          | H            | H  | -        | H  | H        | H-           | $\vdash$   | $\vdash$        |
|          | 136<br>137  |          | ⊢            | H  | -        | $\vdash$   | $\vdash$ | $\vdash$     | <del>                                     </del> | $\dashv$        |
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|          | 139   |          | -            |  |          | ⊢  | H        |              | $\vdash$   | $\vdash \vdash$ |
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|          | 142   |          |              |  |          |  | П        |              |  | П               |
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|          | 144   |          |              |  |          |  |          |              |  |                 |
|          | 145   |          |              |  |          |  |          |              |  |                 |
|          | 146   |          |              |  |          |  |          |              |  |                 |
|          | 147   |          |              | L_   |          | L_   |          |              | L_   | $\square$       |
|          | 148   |          | Щ.           |  |          | Ь.   | Ь.,      | Ш            | L  | Ш               |
|          | 149   |          |              | L.   |          | L  | _        | $oxed{oxed}$ | L_   |                 |
|          | 150   |          |              | Щ.   |          | L  | Щ.       |              | L.   |                 |